SIEMENS

UROSKOP D

RX

Disposal Instructions

Environmental protection measures

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General information

The new ordinance on electronic waste currently being prepared stipulates that manufacturers of electronic systems and devices must dispose of hazardous materials contained in their devices and systems. The disposal of hazardous materials is relevant when scrapping the system as well as when replacing hazardous material during operation.

The product-related list of hazardous materials on page 2-1 of these instructions gives an overview of the components and parts requiring disposal. The disposal information and the figures on page 2-2 help to locate the hazardous materials in the system.

The disposal information in these instructions applies when scrapping the system and/or replacing environmentally relevant components and parts.

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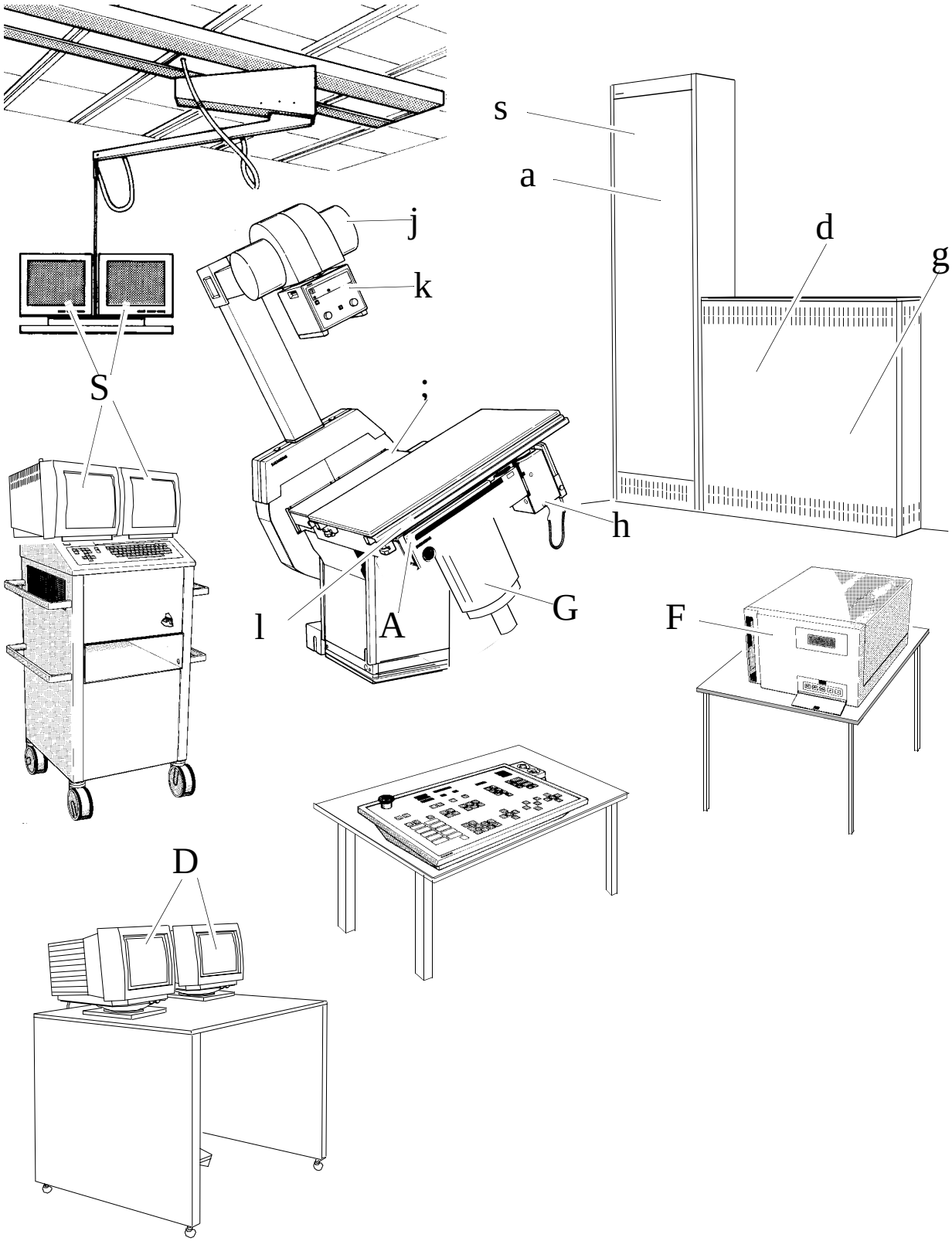
Disposal list

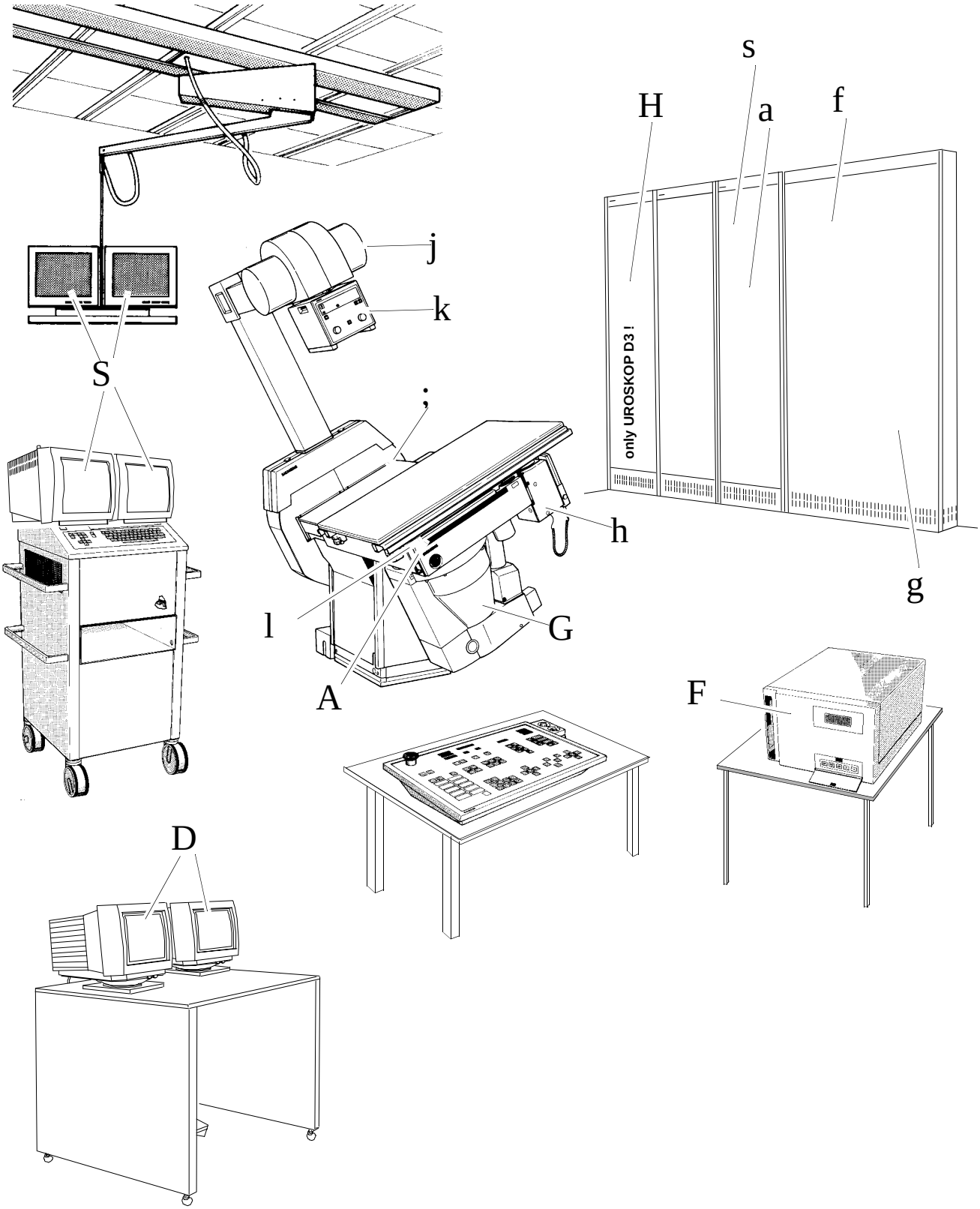
Component assembly	Position		Hazardous material/ Hazard	Qty.	Mea-sure
Battery	Control cabinet/ MEMOSKOP/board D1	a	Lithium	1	Page 3-1
Battery	Control cabinet/ control frame N11 board D1	s	Lithium	1	Page 3-1
Buffer battery	Generator cabinet PLSX board D211	d	Lithium	1	Page 3-2
Buffer battery	Generator cabinet PLLX board D200	f	Lithium	1	Page 3-2
High-voltage genera-tor	Generator cabinet	g	PCB-free transformer oil	~15 ltr.	Page 3-2/3
Longitudinal table drive	Patient positioning, at the head end	h	Oil	2	Page 3-4
X-ray tube unit	Column, top	j	Lead Oil Implosion of X-ray tube	1	Page 3-5 Page 3-5 Page 3-6
Collimator	X-ray tube unit	k	Lead	1	Page 3-5
Grid	Spotfilm device	l	Lead	1	Page 3-6
Spotfilm device cover-ing	Spotfilm device	;	Lead	1	Page 3-6
Diaphragm plates	Spotfilm device	A	Lead	2	Page 3-6
Monitors	MTS-J* or carriage	S	Implosion of CRT	2	Page 3-7
Monitors, optional	Operating table	D	Implosion of CRT	2	Page 3-7
MULTISPOT, optional	Operating table	F	Implosion of CRT	1	Page 3-7
X-ray image intensifier with Videomed	Under table	G	Implosion of image intensi-fier or CRT	1	Page 3-6
Battery	Fluorospot H HOST PC	H	Lithium	1	Page

* monitor support system

Materials and components of UROSKOP D1 requiring disposal



Materials and components of UROSKOP D2 and D3 requiring disposal



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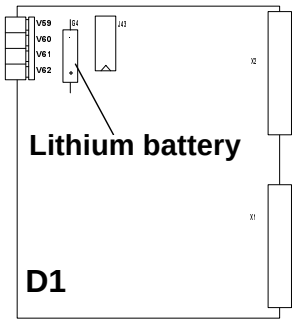


Batteries

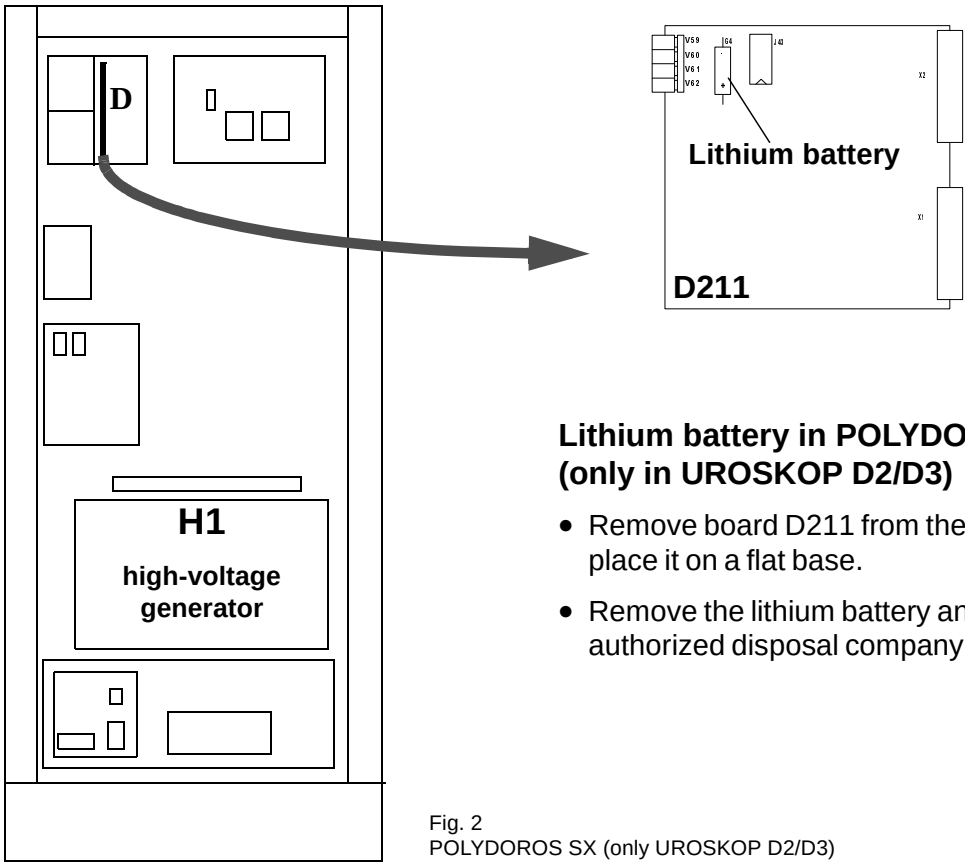
- Remove the front covering of the control cabinet (Fig. 1) and of the Fluorospot cabinet (Fig. 5).
- Remove the front covering of the generator cabinet PL SX (Fig. 2), PL SU (Fig. 3) or PL LX (Fig. 4).

Lithium battery in MEMOSKOP (only UROSKOP D1/D2)

- Unscrew the front covering of MEMOSKOP in the control cabinet. Remove board D1 from Memoskop and place it on a flat base.
- Remove the lithium battery from position J144 of board D1 and entrust it to an authorized disposal company.

Lithium battery in control frame

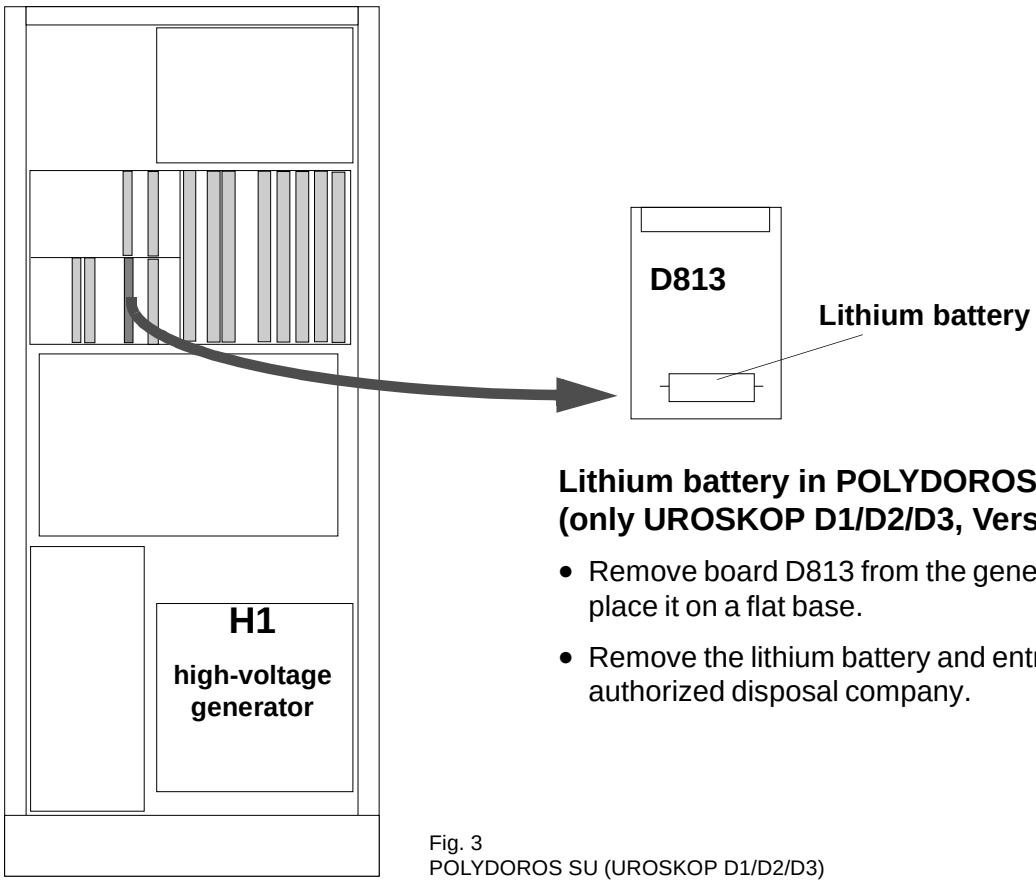
- Remove board D1 from control frame N11 in the control cabinet and place it on a flat base.
- Remove the lithium battery from position G4 of board D1 and entrust it to an authorized disposal company.



Lithium battery in POLYDOROS SX (only in UROSKOP D2/D3)

- Remove board D211 from the generator cabinet and place it on a flat base.
- Remove the lithium battery and entrust it to an authorized disposal company.

Fig. 2
POLYDOROS SX (only UROSKOP D2/D3)



Lithium battery in POLYDOROS SU (only UROSKOP D1/D2/D3, Version 1)

- Remove board D813 from the generator cabinet and place it on a flat base.
- Remove the lithium battery and entrust it to an authorized disposal company.

Fig. 3
POLYDOROS SU (UROSKOP D1/D2/D3)

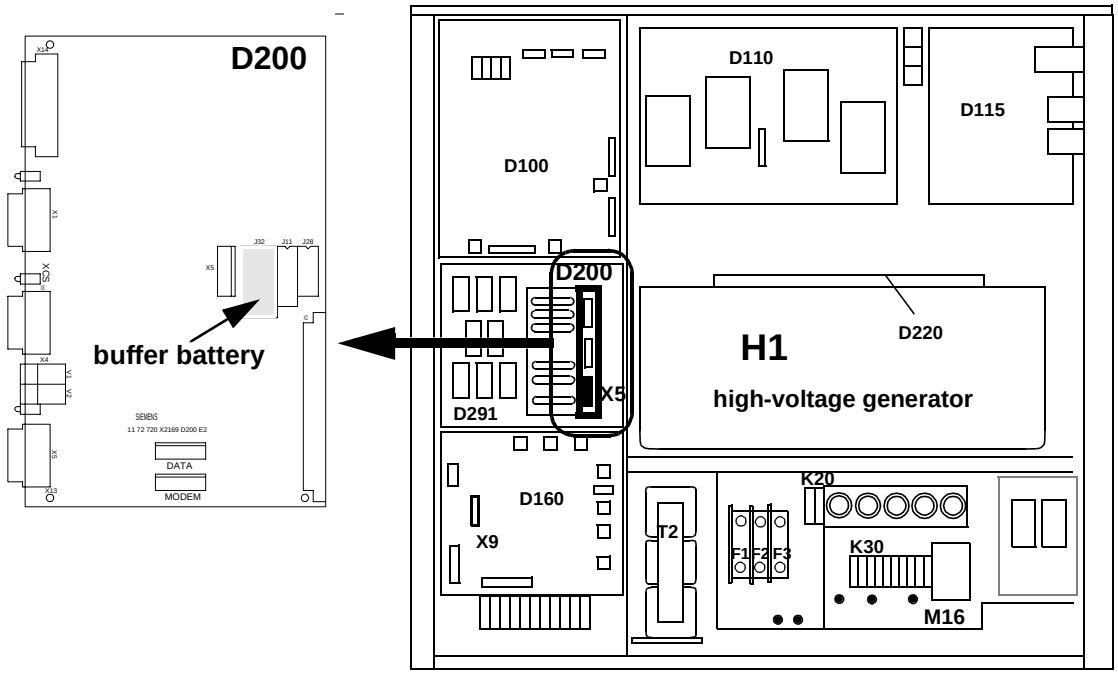


Fig. 4
POLYDOROS LX (only UROSKOP D1)

Buffer battery in POLYDOROS LX (only in UROSKOP D1)

- Remove board D200 from the generator cabinet and place it on a flat base.
- Remove component J32 containing the buffer battery from board D200.
- Entrust the component with the buffer battery to an authorized disposal company.

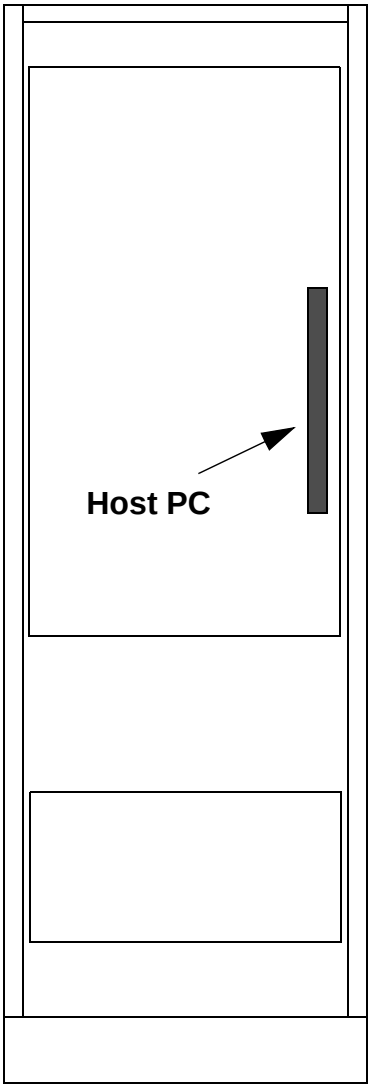


Fig. 5
FLUOROSPOT cabinet

Buffer battery in Host PC of FLUOROSPOT H

- Remove the EMC covering of Fluorospot H.
- Disassemble the Host PC board of Fluorospot H and place it on a flat base.
- Remove the battery and entrust it to an authorized disposal company.

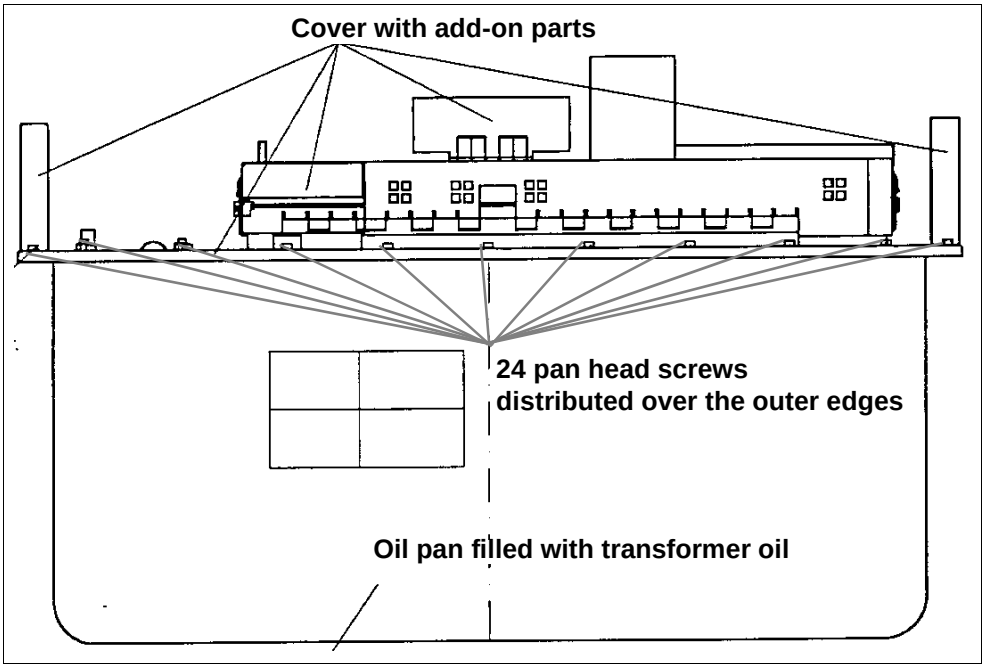


Fig. 6
High-voltage generator

Oil (scrapping only)

High-voltage generator

- Disassemble the high-voltage generator H1 from the generator cabinet.
- Loosen the 24 pan head screws at the high-voltage generator (Fig. 6).
- Remove the cover with the add-on parts from the oil pan of the high-voltage generator and collect the oil in the oil pan.
- Refill the oil from the oil pan into a suitable receptacle and entrust it to an authorized disposal company.

NOTE **This also applies to the high-voltage generator of POLYDOROS SU in UROSKOP D1/D2/D3 of version V1.**

X-ray tube unit

- Unscrew the tube unit covering.
- Remove the collimator of the tube unit (Fig. 7).
- Unscrew the oil-filled tube unit and send it back to SIEMENS AG, Medical Engineering, for further recycling.

Longitudinal table gear

- Drain the oil from both gears (Fig. 7) into a suitable receptacle and entrust it to an authorized disposal company.

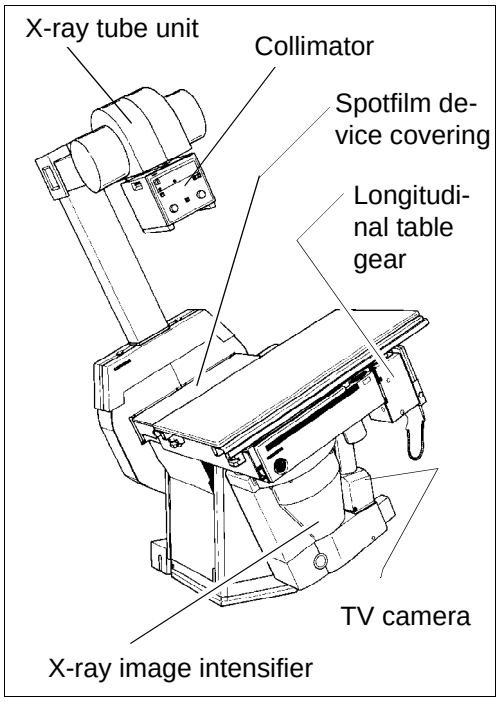


Fig. 7
Basic unit

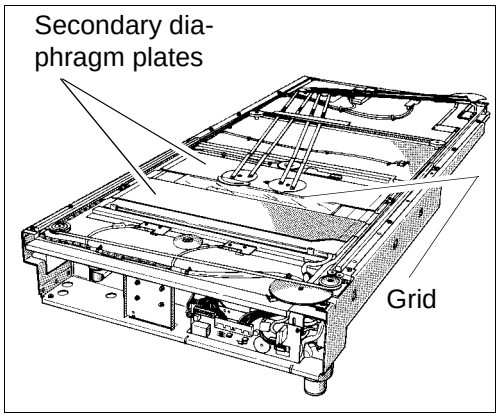


Fig. 8
Spotfilm device

Lead and lead-containing components

X-ray tube unit

- As described previously, please send the tube unit back to SIEMENS AG, Medical Engineering, due to lead foils for further recycling.

Collimator

- Send the collimator which has already been removed from the tube unit and contains lead blades as returend goods back to SIEMENS AG, Medical Engineering, for disposal.

Grid in spotfilm device

- Disassemble the grid from the spotfilm device and entrust it to an authorized disposal company as hazardous waste.

Spotfilm device covering

- Remove the covering of the spotfilm device and entrust it to an authorized disposal company as hazardous waste.

Secondary diaphragm plates

- Disassemble the secondary diaphragm plates from the spotfilm device and entrust it to an authorized disposal company as hazardous waste.

Implosive vacuum components

X-ray tube unit

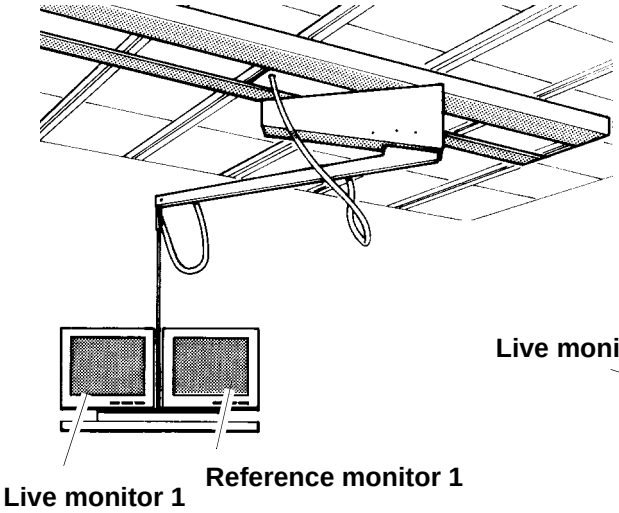
- As described previously, please send the tube unit back to SIEMENS AG, Medical Engineering, due to evacuated X-ray tube for further recycling.

X-ray image intensifieer

- Unscrew lateral I.I. cover parts (Fig. 7).
- Unscrew the image intensifier (Fig. 7) and send it as returned goods back to SIEMENS AG, Medical Engineering, for further recycling.

TV camera

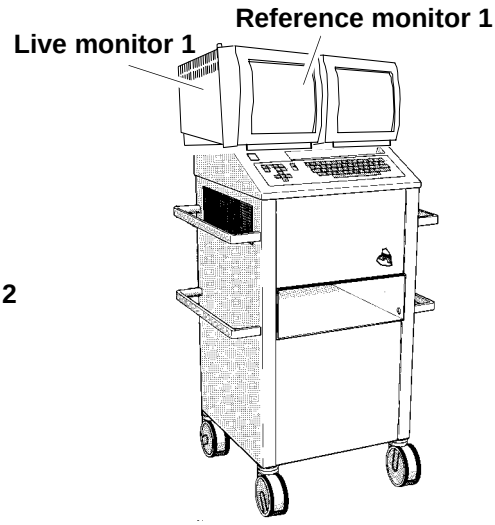
- Removethe TV camera (Fig. 7) and send it as returned goods back to SIEMENS AG, Medical Engineering, for further recycling.

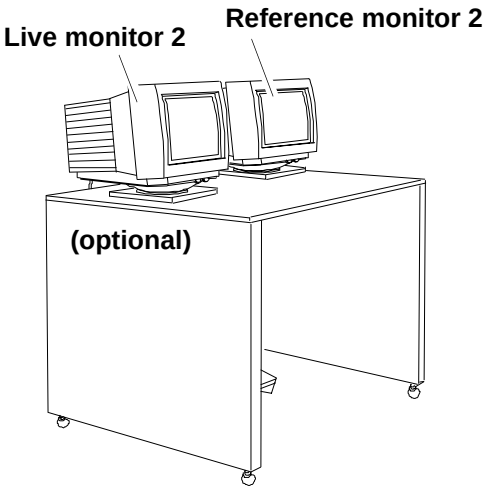


Monitor support system

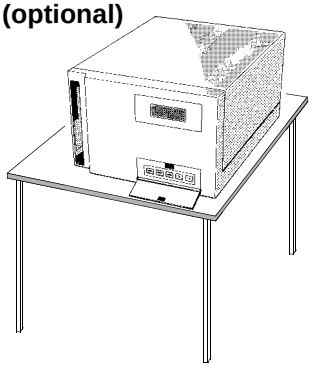
or

Monitor carriage





Multispot 2000
(optional)



Monitors

- Entrust the monitors to SIEMENS AG, Medical Engineering, or to an authorized reycling company.

Multispot 2000, optional

- Entrust Multispot 2000 to the Hertel company, electronic material recycling, Nürnberg or to SIEMENS AG, Medical Engineering, if applicable.

TD RX 1 / Schlee
TD RX 6 / Fleischter
AUT 98 / Carver